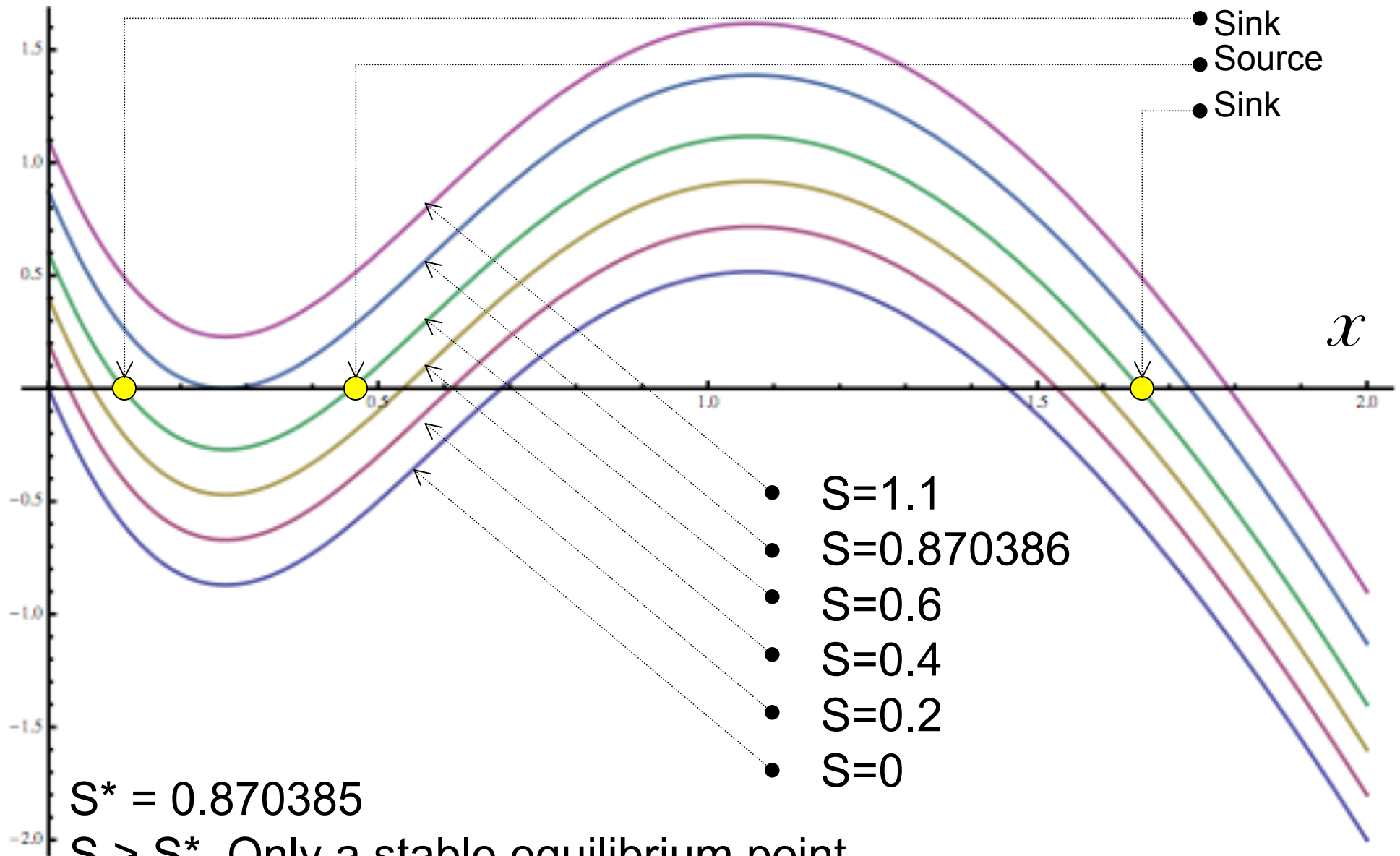


$$f(x) + S$$



$$S^* = 0.870385$$

$S > S^*$ Only a stable equilibrium point

$S \leq S^*$ Bi-stable behavior